

2018-2019 Technology Lending

Schedule #1—General Information

Part 2: Certification and Incorporation

Page 1 of 1

Schedule #1—General Information

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

Part 3: Schedules Required for New or Amended Applications

An X in the "New" column indicates a required schedule that must be submitted as part of any new application. The applicant must mark the "New" checkbox for each additional schedule submitted to complete the application.

For amended applications, the applicant must mark the "Amended" checkbox for each schedule being submitted as part of the amendment.

Schedule #	Schedule Name	Application Type	
		New	Amended
1	General Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Required Attachments and Provisions and Assurances	<input checked="" type="checkbox"/>	N/A
4	Request for Amendment	N/A	<input checked="" type="checkbox"/>
5	Program Executive Summary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Program Budget Summary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	Professional and Contracted Services (6200)	See Important Note For Competitive Grants*	<input type="checkbox"/>
9	Supplies and Materials (6300)		<input type="checkbox"/>
10	Other Operating Costs (6400)		<input type="checkbox"/>
11	Capital Outlay (6600)		<input type="checkbox"/>
12	Demographics and Participants to Be Served with Grant Funds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Needs Assessment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Management Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15	Project Evaluation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16	Responses to Statutory Requirements	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17	Responses to TEA Requirements	<input checked="" type="checkbox"/>	<input type="checkbox"/>

***IMPORTANT NOTE FOR COMPETITIVE GRANTS:** Schedules #8, #9, #10 and #11 are required schedules if any dollar amount is entered for the corresponding class/object code on Schedule #6—Program Budget Summary. For example, if any dollar amount is budgeted for class/object code 6200 on Schedule #6—Program Budget Summary, then Schedule #8—Professional and Contracted Services (6200) is required. If it is either blank or missing from the application, the application will be disqualified.

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Schedule #2—Required Attachments and Provisions and Assurances

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

Part 1: Required Attachments

The following table lists the fiscal-related and program-related documents that are required to be submitted with the application (attached to the back of each copy, as an appendix).

#	Applicant Type	Name of Required Fiscal-Related Attachment
No fiscal-related attachments are required for this grant.		
#	Name of Required Program-Related Attachment	Description of Required Program-Related Attachment
1	LEA Technology Plan Template	If an LEA does not have a 2016–2017 Technology Plan on file with TEA, it must show evidence of a current local technology plan on participating campuses by completing the LEA Technology Plan Template.

Part 2: Acceptance and Compliance

By marking an X in each of the boxes below, the authorized official who signs Schedule #1—General Information certifies his or her acceptance of and compliance with all of the following guidelines, provisions, and assurances.

Note that provisions and assurances specific to this program are listed separately, in Part 3 of this schedule, and require a separate certification.

X	Acceptance and Compliance
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with the <u>General and Fiscal Guidelines</u> .
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with the <u>program guidelines for this grant</u> .
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with all <u>General Provisions and Assurances</u> requirements.
<input checked="" type="checkbox"/>	I certify that I am not debarred or suspended. I also certify my acceptance of and compliance with all <u>Debarment and Suspension Certification</u> requirements.

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Schedule #2—Required Attachments and Provisions and Assurances

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

Part 3: Program-Specific Provisions and Assurances
☒ I certify my acceptance of and compliance with all program-specific provisions and assurances listed below.

#	Provision/Assurance
1.	The applicant provides assurance that program funds will supplement (increase the level of service), and not supplant (replace) state mandates, State Board of Education rules, and activities previously conducted with state or local funds. The applicant provides assurance that state or local funds may not be decreased or diverted for other purposes merely because of the availability of these funds. The applicant provides assurance that program services and activities to be funded from this grant will be supplementary to existing services and activities and will not be used for any services or activities required by state law, State Board of Education rules, or local policy.
2.	The applicant provides assurance that the application does not contain any information that would be protected by the Family Educational Rights and Privacy Act (FERPA) from general release to the public.
3.	The applicant assures that funds provided under the Instructional Materials Allotment (IMA) or other funding are insufficient to purchase enough lending technology for every student who needs dedicated access to a device.
4.	The applicant assures that it will provide access to lending technology and residential access to the Internet for students, including economically disadvantaged students and students with disabilities, who do not already have either the needed equipment or Internet service for learning at home
5.	The applicant understands that equipment purchased with Technology Lending Grant funds is the property of the LEA.
6.	The applicant assures that infrastructure and technical support are adequate to support students' use of loaned equipment provided through the grant at its participating campus(es).
7.	The applicant assures that it will provide adequate staff to administer the program and ensure successful implementation.
8.	The applicant assures that it will account for the technology lending equipment in accordance with district policy for accounting for such equipment, including providing insurance when insurance is typically provided for such equipment. The applicant understands that the grant funds cannot be used to replace lost, stolen, or damaged equipment.
9.	The applicant assures that it will obtain a Technology Lending Agreement signed by the parents/guardian of each participating student and by the student participating in the program, including an assurance of student's mastery of the grade-appropriate Digital Citizenship strand of the Technology Applications Texas Essential Knowledge and Skills.
10.	The applicant assures that it has a 2016–2017 LEA technology plan on file with TEA, or that it will show evidence of a current local technology plan on participating campuses by completing the Required Program-Related Attachment outlined on page 18 of the Program Guidelines.
11.	The applicant assures that technology lending and use of electronic instructional materials are incorporated into the LEA's technology plan.
12.	The applicant agrees to collect and report the data for the performance measures stated in the Program Guidelines under Program Evaluation. The applicant assures it will develop appropriate systems and processes to collect and report the required data

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Schedule #5—Program Executive Summary

County-district number or vendor ID 025-901

Amendment # (for amendments only):

List the campuses that will be served with these funds. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

J. B. Stephens Elementary School
 Bangs Middle School grades
 Bangs High School grades

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary.

Overview of Lending Program Bangs ISD (BISD) is applying for its first-ever Technology Lending Program grant to benefit students at the elementary, middle school and high school campus. This project is designed to engage students in meaningful learning through modern digital tools and resources. The goal of the project is NOT to be a **one-size-fits-all** project but instead, a student-driven project that will support **personalized learning** 24 hours a day, 7 days a week. The lending project builds upon the robust technology infrastructure at school, online digital resources, and Internet access at home. Bangs ISD seeks to *to help every child succeed*. This is important because an overwhelming majority of the students are economically disadvantaged, at-risk and highly-mobile. It's important to mention that students do not have access to computers or the Internet at home. There are no other educational facilities or youth clubs in Bangs to serve as a safety-net for students in need of supplemental educational services. All school and community events take place at Bangs Schools. The school is the heart of this small community.

Lending Project Budget The Bangs ISD Technology Team (Team) developed a comprehensive budget in the amount of \$50,000. Chromebooks will be purchased for the first-ever lending program. In addition to purchasing Chromebooks, BISD will purchase carrying cases. So students can have Internet access for on-demand, anytime, anywhere extended learning while at home, the district will purchase wireless routers and a data plan. The students will use Chromebooks along with digital instructional materials that are aligned with TEKS, STAAR, College-Readiness and Internet on a daily basis for: 1) differentiated instruction for the diverse learners, as some students need academic acceleration or remediation on a daily basis; 2) project-based learning; 3) building technology literacy and 4) developing a solid foundation in the core curriculum areas of math, science, reading, and ELA in order to reach challenging academic standards.

Bangs ISD Demographics BISD is a small, rural district located in Brown County, which is located in Central Texas. Unfortunately, Bangs ISD operates with limited financial resources, and serves PreK- 12th grade students who have significant barriers and gaps to overcome. BISD serves approximately 953 students enrolled in three campuses, all of which are **Title 1 campuses**. **50% of the districts' students are identified as Economically Disadvantaged and 30.6% are At-Risk as documented by the 2016-17 Texas Academic Performance Report. Academically, the economically disadvantaged and at-risk students are low-performers on state assessments when compared to students who are not identified in subgroups.** For example, the passing rates on STAAR and End of Course Exams range from 61% to 96% while economically disadvantaged and at-risk students passing rates range from 57% to 86%. Because BISD students have barriers and gaps to overcome, the district is committed to implementing the first-ever lending program to help each child succeed.

Needs Assessment Process Planning for the project involved a comprehensive needs assessment process led by the Technology Team. They reviewed K-12 student data, the district and campus technology infrastructure, technology plan template and professional development data. They used the data to pinpoint strengths and weakness, identify specific needs as well as prioritize campuses, subject areas and grade levels as well as develop project goals, activities and budget.

Lending Project Management Plan This technology lending project includes a well thought-out and carefully-crafted management plan. The **Assistant Superintendent** will have final oversight and decision-making over the program. He will meet with the campus principals, technology director and business manager on a regular basis to ensure the project is being implemented on-time and within budget. Each campus principal will conduct classroom observations and review lesson plans to ensure teachers are integrating the Chromebooks, online curriculum and resources, and the Internet into the instructional process. The **Technology Director** will purchase Chromebooks and a data plan. She will ensure all

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Schedule #5—Program Executive Summary (cont.)

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

digital instructional materials are accessible at school and through the loaned Chromebooks. She will ensure the Chromebooks are interoperable with other technology components in the classroom and throughout the school campus, and will ensure students have Internet access while at home. She will manage the local WiFi network, be responsible for maintaining and accounting for all equipment, and provide the teachers and students with ongoing technical and pedagogical support. The Business Manager will be responsible for the financial management of the grant. She will maintain all financial records according to local and TEA guidelines. The Technology Team (district and campus administrators, teachers, parents, community members) will conduct an in-depth project evaluation.

Evaluation The Technology Team will collect qualitative and quantitative data to determine the extent to which the activities of the project are being implemented as planned; how effective the activities are in meeting the stated goals and objectives; and what impact the lending project is having on the program participants. Based upon the data, they will make recommendations to the BISD lending project.

Statutory Requirements Throughout the application Bangs addresses the 1 statutory requirement by describing the availability of existing equipment to students in the district and other funding available for the purchase of student technology devices. Specifically, Bangs will use funds to implement the first-ever technology lending program to loan students the equipment necessary to access and use electronic instructional materials. The Chromebooks will be available during the school day and for check-out for home use to access the Internet and electronic instructional materials so students can have a digital rich online learning format to engage in project-based and enrichment learning.

TEA Requirements Bangs will adhere to the 7 TEA requirements (further noted in **bold**) specifically, the **goal** of the project is NOT be a one-size-fits-all project but instead, a student-driven project that will support personalized learning 24 hours a day, 7 days a week through a lending project. The Chromebooks will come equipped with WiFi and 3G/4G Internet Access so students can have **off-site, on-demand access** while off-site or at home. The use of the Chromebooks and lending program will **align** with the online curriculum, the technology-driven instruction, and a 21st century classroom management. The students will use the Chromebooks to access core and supplemental curriculum **electronic instructional materials**. The campus has a robust **technology infrastructure** including a local area network with Cat 5 wiring, hubs, switches and routers and direct connection to Internet. The entire campus including the library, common areas, classrooms and offices are Internet-ready through wired connections and numerous wireless access points (WiFi). The Technology Director will provide ongoing **tech support** to both the teachers and students. She will teach them how to use the device, will troubleshoot, and keep the Chromebooks in proper working condition with up-to-date operating software and to ensure students do not visit inappropriate websites. The librarian at each campus will be responsible for **checking-out and checking-in the Chromebooks**. The Technology Director will adhere to district policies to **account for the technology**. Finally, students and their parents/guardian must sign a Technology Lending Agreement, which also must verify that students receiving Internet Access at home have demonstrated grade level mastery of the Digital Citizenship strand of the Technology Applications TEKS. It's important to note that Bangs is **committed** to a technology lending program now and in the future. Through federal, state and local funding, Bangs ISD will expand the technology lending program.

Priorities for Funding This project meets the following priorities for funding: Bangs ISD has not previously received funding from either of the prior Technology Lending Program grants and is therefore eligible to receive 10 priority points.

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Schedule #6—Program Budget Summary

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

Program authority: General Appropriations Act, Article III, Rider 8, and House Bill 3526, 85th Texas Legislature; Texas Education Code Section, 32.301

Grant period: May 1, 2018, to August 31, 2019

Fund code: 410

Budget Summary

Schedule #	Title	Class/ Object Code	Program Cost	Admin Cost	Total Budgeted Cost
Schedule #8	Professional and Contracted Services (6200)	6200	\$2,000	\$0	\$2,000
Schedule #9	Supplies and Materials (6300)	6300	\$0	\$0	\$0
Schedule #10	Other Operating Costs (6400)	6400	\$0	\$0	\$0
Schedule #11	Capital Outlay (6600)	6600	\$48,000	\$0	\$48,000
Total direct costs:			\$50,000	\$0	\$50,000
Percentage% indirect costs (see note):			N/A	\$0	\$0
Grand total of budgeted costs (add all entries in each column):			\$50,000	\$0	\$50,000

Administrative Cost Calculation

Enter the total grant amount requested:	\$50,000
Percentage limit on administrative costs established for the program (15%):	× .15
Multiply and round down to the nearest whole dollar. Enter the result.	
This is the maximum amount allowable for administrative costs, including indirect costs:	\$7,500

NOTE: Indirect costs are calculated and reimbursed based on actual expenditures when reported in the expenditure reporting system, regardless of the amount budgeted and approved in the grant application. If indirect costs are claimed, they are part of the total grant award amount. They are not in addition to the grant award amount.

Indirect costs are not required to be budgeted in the grant application in order to be charged to the grant. Do not submit an amendment solely for the purpose of budgeting indirect costs.

If selected for a competitive grant, your award amount will be the lesser of the grand total of budgeted costs as stated on this schedule (the box with the bold outline), or the sum of all line items listed on this schedule, or the maximum allowable award amount. TEA is not responsible for math errors.

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Schedule #8—Professional and Contracted Services (6200)

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

NOTE: Specifying an individual vendor in a grant application does not meet the applicable requirements for sole-source providers. TEA's approval of such grant applications does not constitute approval of a sole-source provider.

Professional and Contracted Services

#	Description of Service and Purpose	Grant Amount Budgeted
1	Data plan and/or home Internet Access	\$2,000
2		\$
3		\$
4		\$
5		\$
6		\$
7		\$
8		\$
9		\$
10		\$
11		\$
12		\$
13		\$
14		\$
a. Subtotal of professional and contracted services:		\$
b. Remaining 6200—Professional and contracted services that do not require specific approval:		\$
(Sum of lines a and b) Grand total		\$2,000

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #9—Supplies and Materials (6300)		
County-District Number or Vendor ID: 025-901		Amendment number (for amendments only):
Supplies and Materials Requiring Specific Approval		
		Grant Amount Budgeted
6300	Total supplies and materials that do not require specific approval:	\$
Grand total:		\$

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #10—Other Operating Costs (6400)		
County-District Number or Vendor ID: 025-901		Amendment number (for amendments only):
Expense Item Description		Grant Amount Budgeted
6400	Operating costs that do not require specific approval:	\$
Grand total:		\$

In-state travel for employees does not require specific approval.

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #11—Capital Outlay (6600)

County-District Number or Vendor ID: 025-901

Amendment number (for amendments only):

#	Description and Purpose	Quantity	Unit Cost	Grant Amount Budgeted
66XX—Computing Devices, capitalized				
1	Chromebooks to be used at school and home use	120	\$350	\$42,000
2	Chromebook charging carts	3	\$1,500	\$6,000
3			\$	\$
4			\$	\$
5			\$	\$
6			\$	\$
7			\$	\$
8			\$	\$
9			\$	\$
10			\$	\$
66XX—Software, capitalized				
11			\$	\$
12			\$	\$
13			\$	\$
14			\$	\$
15			\$	\$
16			\$	\$
17			\$	\$
66XX—Equipment, furniture, or vehicles				
18			\$	\$
19			\$	\$
20			\$	\$
21			\$	\$
22			\$	\$
23			\$	\$
24			\$	\$
25			\$	\$
26			\$	\$
27			\$	\$
Grand total:				\$48,000

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #12—Demographics and Participants to Be Served with Grant Funds

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

Part 1: Student Demographics of Population To Be Served With Grant Funds. Enter the data requested for the population to be served by this grant program. If data is not available, enter DNA. Use the comment section to add a description of any data not specifically requested that is important to understanding the population to be served by this grant program. Response is limited to space provided. Use Arial font, no smaller than 10 point.

Student Category	Student Number	Student Percentage	Comment
Economically disadvantaged	372	50%	JB Stephens Elementary Economically Disadvantaged Rate 54.2%
Limited English proficient (LEP)	13	1.2%	Bangs Middle School Economically Disadvantaged Rate 47.3%
Disciplinary placements	19	1.7%	Bangs High School Economically Disadvantaged Rate 48.2%
Attendance rate	NA	96.7%	30.6% are identified as At-risk
Annual dropout rate (Gr 9-12)	NA	0%	9.5% of the K-12 students are participating in Special Education Programs, which exceeds the 8.8% of students in the State who participate in Spec. Ed.

Part 2: Students To Be Served With Grant Funds. Enter the number of students in each grade, by type of school, projected to be served under the grant program.

School Type:	<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Open-Enrollment Charter	<input type="checkbox"/> Private Nonprofit	<input type="checkbox"/> Private For Profit	<input type="checkbox"/> Public Institution
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Students														
PK	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
				58	68	79	59	69	72	96	95	76	73	745

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Schedule #13—Needs Assessment

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

Part 1: Process Description. A needs assessment is a systematic process for identifying and prioritizing needs, with "need" defined as the difference between current achievement and desired outcome or required accomplishment. Describe your needs assessment process, including a description of how needs are prioritized. If this application is for a district level grant that will only serve specific campuses, list the name of the campus(es) to be served and why they were selected. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Needs Assessment Process The Technology Team led the needs assessment as part of planning for the Bangs lending project. They reviewed K-12 student data, the district and campus technology infrastructure, the technology plan template and professional development data. They used the data to pinpoint strengths and weakness, identify specific needs as well as prioritize campuses, subject areas and grade levels. The needs assessment process was also used to develop the project goals, activities and budget.

In evaluating K-12 student demographics and student academic performance using the 2016-17 Texas Academic Performance Report from the TEA website, along with Technology Skills data and home Internet Access data, the Team identified glaring discrepancies that exist, such as:

- None of the three campuses have a technology lending program in place
- Each campus has a large percentage of economically disadvantaged, at-risk and students with learning disabilities as noted above
- Academically, economically disadvantaged, at-risk and students with learning disabilities are low-performers on state assessments
- Not all students are proficient in the Technology Applications TEKS
- Approximately 10% of students do not have Internet in their home

In evaluating the professional development, the Team noted that all K-12 teachers have participated in professional development activities through Region 15 ESC that support teachers' knowledge, skills and capacity to fully integrate advanced technologies into curricula and instruction and use those technologies on a daily basis to 1) create new learning environments, 2) access and retrieve Internet-based learning resources to develop curricula and instructional materials; 3) teach effectively in the online environment; and 4) lead to improvements in the classroom instruction in the core academic subjects that effectively prepare students to meet challenging State academic content standards including increasing student technology literacy and student academic standards.

Though there is no technology for students to take home, the Team determined that technology in place within the campuses. The campus has a robust technology infrastructure including a local area network with Cat 5 wiring, hubs, switches and routers and a direct connection to the Internet. The entire campus including the library, common areas, classrooms and offices are Internet-ready through wired connections and numerous wireless access points (WiFi). Digital instructional materials have been adopted by the Bangs ISD Board of Trustees for all of the core courses.

Campus to be Served This grant will serve all three campuses within Bangs ISD. J. B. Stephens Elementary, Bangs Middle School and Bangs High School. All three campuses were chosen because of the overwhelming socio-economic and academic barriers the students currently face. These students will greatly benefit from a lending program.

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Schedule #13—Needs Assessment (cont.)

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

Part 2: Alignment with Grant Goals and Objectives. List your top five needs, in rank order of assigned priority. Describe how those needs would be effectively addressed by implementation of this grant program. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Identified Need	How Implemented Grant Program Would Address
1.	Need to offer the first-ever lending program in grades 3-12 to ensure equitable access to technology at home among the 50% economically disadvantaged students; 30.6% at-risk; and 9.5% special education students.	Technology Lending Program (TLP) grant will provide Bangs with the financial resources to address the need for Chromebooks in grades 3-12. The Chromebooks will be used at school and home as part of a home-lending program to provide students with personalized learning.
2.	Need for Chromebooks, as part of the new lending program, to access to the Internet while at students' home	TLP funds will purchase Chromebooks with access to the Internet so 3 rd -12 th grade students can check-out an Chromebooks to address the need for on-demand access to the Internet while at home.
3.	Need for curriculum and instruction to be redesigned to incorporate online instructional materials	The Chromebooks will access recently adopted math, science, reading, and ELA online instructional materials so <ol style="list-style-type: none"> 1) students can reinforce the skills they learned during the school day; and 2) students can engage in project based and enrichment learning activities
4.	Need to implement a lending program centered around project-based and enrichment learning activities in math, reading, science and ELA in an effort to improve academic achievement as measured by STAAR, End of Course Exams and College Readiness Indicators	Using TEKS aligned online core and supplemental instructional materials in the areas of math, reading, ELA science along with Chromebooks will improve student achievement among all students including those in subgroups (economically disadvantaged, at-risk and with learning disabilities) in the core content areas as measured by benchmark, state assessments and college readiness tests.
5.	Need to offer the first-ever lending program in 3 rd -12 th grade in an effort to improve proficiency on the Technology TEKS.	Chromebooks combined with TEKS aligned technology-based curriculum will allow for: <ol style="list-style-type: none"> 1) greater levels of student interest, inquiry, analysis, collaboration, creativity, and content production; and 2) Students demonstrating proficiency on the Technology Applications TEKS.

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Schedule #14—Management Plan

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

Part 1: Staff Qualifications. List the titles of the primary project personnel and any external consultants projected to be involved in the implementation and delivery of the program, along with desired qualifications, experience, and any requested certifications. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Title	Desired Qualifications, Experience, Certifications
1.	District-Level Administrator	Superintendent, Tony Truelove, brings a wealth of education experience as he has 2 years experience as a Superintendent, 7 years as a Principal and 25 years as a classroom teacher. He possesses a Midmanagement and Superintendent Certificate.
2.	Project Director	Assistant Superintendent, Truman Westfall, is a highly-educated and well-qualified leader who brings 35 years of educational experience to the project. He has 17 years experience as an Assistant Superintendent, 4 years as a Principal, and 14 years as a classroom teacher.
3.	Technology Director	Technology Director, Bridgette Bowen, has served as the Technology Director at Bangs ISD for the past year. She has 12 years exp. as a Technology Specialist. She has also a history of successfully managing all aspects of school district networks.
4.	Business Manager	Business Manager has successfully managed numerous Federal and State grants with fidelity. This project will be no different.

Part 2: Milestones and Timeline. Summarize the major objectives of the planned project, along with defined milestones and projected timelines. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Objective	Milestone	Begin Activity	End Activity
1.	Project Management	1. Ensure all Chromebook policies and procedures are in place	05/01/2018	05/30/2018
		2. Spend 100% of grant funds	05/01/2018	08/31/2019
		3. Provide BISD School Board with grant related reports	05/01/2018	08/31/2019
		4. File budget amendments and reports with TEA	05/01/2018	08/31/2019
2.	Chrombook Implementation	1. Order 120 student Chromebooks with WiFi capabilities, 3G/4G data plan and wireless routers	05/01/2018	08/31/2019
		2. Student use Chromebooks to access core and supplemental digital instructional materials and the Internet	06/01/2018	08/31/2019
3.	Extended Learning Opportunities	1. Students checkout Chromebooks for on-demand home use to access core and supplemental digital instructional materials and the Internet	06/01/2018	08/31/2019
		2. # and % of students who checked out Chromebooks	06/01/2018	08/31/2019
		3. # and % of economically disadvantaged, at-risk, and students with learning disabilities participating in the lending program	06/01/2018	08/31/2019
		4. # and % of economically disadvantaged students who had access to the Internet at home	06/01/2018	08/31/2019
		5. Move closer to a 1:1 ratio of Chromebooks to students	06/01/2018	08/31/2019
4.	Evaluation	1. # and names of courses using digital content	06/01/2018	08/31/2019
		2. Titles of digital materials used within courses as part of the technology lending program.	06/01/2018	08/31/2019
		3. # and % of teachers who leveraged electronic instructional materials	06/01/2018	08/31/2019
		4. # and % of participating students who are proficient on the Technology Applications (TEKS) for their grade level	06/01/2018	08/31/2019

Unless pre-award costs are specifically approved by TEA, grant funds will be used to pay only for activities occurring between the beginning and ending dates of the grant, as specified on the Notice of Grant Award.

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Schedule #14—Management Plan (cont.)

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

Part 3: Feedback and Continuous Improvement. Describe the process and procedures your organization currently has in place for monitoring the attainment of goals and objectives. Include a description of how the plan for attaining goals and objectives is adjusted when necessary and how changes are communicated to administrative staff, teachers, students, parents, and members of the community. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The Technology Team will meet monthly to determine the extent to which the lending program activities are being implemented as planned; how effective the activities are in meeting the stated goals and objectives; and what impact the project is having on the program participants. As part of the evaluation process, the Team will continuously:

- 1) Solicit feedback.
- 2) Monitor the extent to which activities of the project were implemented as planned.
- 3) Assess the effectiveness of the activities in achieving the goals and objectives of the project and in meeting performance measurements.
- 4) Monitor and assess the impact of the project activities on all participants.
- 5) Extent to which the performance targets were met.
- 6) Provide ongoing monitoring which leads to reflective thinking, program change and continuous improvement.

No policy or procedure is sacred at Bangs ISD. All policies and procedures have been initially reviewed and will continue to be reviewed to ensure successful implementation of the 3rd -12th grade lending project. The Team will make adjustments to the program activities, curriculum, instruction, assessments, facilities, technology, professional development, budgeting and parent involvement as needed based on student data. All changes made at Team meetings will be communicated to the teachers at monthly campus meetings. At these campus meetings, the administrators will articulate clear expectations, roles and responsibilities and keep all teachers informed of all grant timelines and activities and will solicit comments, suggestions and feedback from the teachers to ensure continuous improvement in the operation of the project. In addition to face-to-face meetings, administrators will also communicate with teachers online through emails and the BISD website. Students and their parents will also have an opportunity to provide comments, suggestions and feedback regarding the project activities at school-sponsored meetings or through email correspondence with administrators. *It is the ongoing support of the teachers, students and parents that will ensure the technology lending program initiative at Bangs ISD is a success and can be replicated among other small, rural districts.*

Part 4: Sustainability and Commitment. Describe any ongoing, existing efforts that are similar or related to the planned project. How will you coordinate efforts to maximize effectiveness of grant funds? How will you ensure that all project participants remain committed to the project's success? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

BISD has successfully coordinated local, state, and federal funds to establish a technology lending program that continues to exist today. Using federal and local funds, a robust technology infrastructure was put in place. Bangs has also successfully coordinated and maximized funds and this project will be no different. For this project, the district is proposing to use the 2018-19 Technology Lending Program grant to offer the first-ever lending program for 3rd-12th grade. BISD takes great pride in coordinating state and federally funded programs to maximize funds and provide as many successful programs and services as possible. Furthermore, the coordination of these funds will enable BISD to implement the lending grant activities in a timely manner, and in a process that will be most beneficial to the students. Bangs ISD has other resources such as technology, district website, computer labs, and the campus meets all the accessibility requirements for children and families with special needs.

The Superintendent, Assistant Superintendent and Board of Trustees are committed to this project now and in the future and will allocate funding and resources to upgrade technology, educational tools, and materials to keep pace with the educational changes, technological changes, as well as parent and community expectations. They will also allocate funding for curriculum, instruction, technology, professional development special programs, student support programs, and supplemental educational programs. They can do this because they have a history of successfully implementing a variety of programs and services.

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Schedule #15—Project Evaluation

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

Part 1: Evaluation Design. List the methods and processes you will use on an ongoing basis to examine the effectiveness of project strategies, including the indicators of program accomplishment that are associated with each. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Evaluation Method/Process	Associated Indicator of Accomplishment	
1.	Document implementation timelines -- Technology Director's Report	1.	Chromebooks ordered and available for check-out
		2.	Home Internet access available on all Chromebooks
		3.	Online digital core curriculum accessible through Chromebooks
2.	Document budget expenditures -- Financial reports	1.	Spend 100% of grant funds by 08/31/2019
		2.	File timely financial reports with TEA
3.	Evaluate student academic data	1.	Improve performance on STAAR for 3 rd —11 th graders by 10%
		2.	Improve performance on College Readiness Indicators for 9-12th graders by 10%
		3.	Increase the number of students who are proficient on the Technology Applications TEKS by 10%
4.	Evaluate student use of Chromebooks -- Classroom observations; --Chrombook checkout logs;	1.	100% of used daily at school by 3rd –12th graders
		2.	100% of 3 rd -12th grade students checkout a Chromebooks for home use
		3.	Move closer to meeting a 1:1 student/portable device ratio

Part 2: Data Collection and Problem Correction. Describe the processes for collecting data that are included in the evaluation design, including program-level data such as program activities and the number of participants served, and student-level academic data, including achievement results and attendance data. How are problems with project delivery to be identified and corrected throughout the project? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The Team will develop a qualitative and quantitative data-gathering process for precise measurement. Data will be collected throughout the project period and will include:

- 1) Number and percent of students (by grade level) who checked out the Chromebooks
- 2) Number and percent of economically disadvantaged, at-risk and students with learning disabilities participating in the technology lending program
- 3) Number and percent of economically disadvantaged students who had access to the Internet while at home
- 4) 1:1 ratio of technology devices to students
- 5) Number and names of courses using digital content
- 6) Titles of digital materials used within courses as part of the technology lending program grant
- 7) Number and percent of teachers who leveraged electronic instructional materials to students as a result of the technology lending program
- 8) Number and percent of participating students who demonstrate proficiency on the Technology Applications Texas Essential Knowledge and Skills (TEKS) for their grade level at the beginning and end of each year of the grant period.

Bangs agrees to collect and report the data for the performance measures stated in the Program Guidelines under Program Evaluation. Bangs will develop appropriate systems and processes to collect and report the required data. Implementing a technology lending program means that from time-to-time, policy issues may arise that need to be addressed. Possible issues such as transfer of students between districts, class sizes, meeting the needs of students, administering assessments, grading policies, qualification of teachers, continued staff development of teachers and administrators, and copyright laws. Issues will be identified at Technology Leadership Team meetings. The issues will then be discussed with appropriate solutions identified in a timely manner. Some changes that are made will be communicated through letters home, meetings, emails, or the district website. Other changes to policies may need to be adopted by the Board of Trustees. Program deficiencies identified by the Technology Leadership Team will be used to make modifications as necessary in the interest of successfully achieving project goals and satisfaction of all stakeholders.

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Schedule #16—Responses to Statutory Requirements

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

Statutory Requirement 1: Applicant must describe the availability of existing equipment to students in the LEA and other funding available for the purchase of student technology devices. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

At the present time there are laptops at each of the three campuses as part of a mobile lab. These laptops are used in classroom settings only and not available for checkout.

Due to the small size of Bangs the district has limited funding available. The district receives a few thousand dollars each year in combine Instructional Materials Allotment (IMA) funds and Title II Part D funds. Furthermore the district receives limited property tax funds. Most properties are agriculture properties and have reduced taxes through the ag-exemption laws. With limited funding the district does not have the financial resources to purchase technology devices for home use.

Bangs ISD is not using funding through the Instructional Materials Allotment (IMA) to purchase lending equipment. Funds provided under the IMA are insufficient for Bangs to purchase enough lending technology for every student who needs dedicated access to a device. Instead Bangs ISD is using the Technology Lending Program to purchase lending equipment.

Though Bangs is only using Technology Lending Program funds to purchase the lending equipment, it is important to note that Bangs has a successful history of coordinating and maximizing their technology dollars from a variety of funding sources to better serve the needs of their teachers and students. The district will leverage funds from the Technology Lending Program grant, E-Rate, local tax revenues, Texas Technology Allotment, the Instructional Materials Allotment (IMA), Title I, Part A; Title II, Part A; and compensatory funds. It is these funds that are used to purchase technology infrastructure, technology components for classrooms, online curriculum, and diagnostic assessments. By leveraging these funds with the Technology Lending Program funds, Bangs can put technology and digital content into the hands of students 24/7 for on-demand access to information to ensure that this technology lending program is an integral part of each students' own journey to academic success.

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Schedule #17—Responses to TEA Program Requirements

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

TEA Program Requirement 1: Describe how the technology lending program aligns with the existing mission and goals for the LEA. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The goal of this project is NOT be a **one-size-fits-all** project but instead, a student-driven project that will support **personalized learning** 24 hours a day, 7 days a week through a lending project. The lending project will include a robust technology infrastructure at school, online digital resources, and Internet access at home. This project is also aligned with the educational goal of Bangs ISD *to help every child succeed*. Helping every child is what this project will do. This lending project will:

- *Create a 21st Century Learning Environment* using Chromebooks, online digital instructional materials, electronic whiteboards on a daily basis within the classrooms
- *Target High-Need Students* such as economically disadvantaged, at-risk, and students with learning disabilities
- *Extend Classroom Learning Into the Home* for learning opportunities 24 hours a day, 7 days a week; to increase student interest, inquiry, analysis, collaboration, creativity, and content production; to reinforce math, science, reading, and ELA skills taught during the school day; to provide differentiated instruction as some students will need academic acceleration while other students will need remediation; and to build technology literacy as part of meeting grade-level Technology TEKS
- *Integrate Innovative Project-Based Learning* using text, graphics, images, sound and video as part of enrichment activities for personalized learning, especially for those students with learning disabilities
- *Improve Academic Performance* using online digital curriculum aligned with State challenging standards as measured by benchmark assessments including the Technology Application TEKS, STAAR assessments and College-Readiness indicators.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

TEA Program Requirement 2: Describe a plan for providing internet access to student residences, residential centers, and/or on the buses that transport students (for whom a single ride lasts, on average, at least an hour) with the highest need for off-campus internet access. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The Technology Team extensively investigated Internet access to students' homes by surveying parents and students as well as input from community and staff members. This initial assessment was conducted to determine how many students have Internet access at home. From the initial assessment the district determined that 30 students do not have Internet access including dial-up Internet access or DSL and students do not ride on the bus beyond 30 or 45 minutes. However, a more thorough assessment will be conducted after the grant award.

Bangs will offer students a 3G/4G plan for those students who do not have Internet at home. If a student lives in a rural and remote area where 3G/4G service is not accessible then the district will work directly with the students' and their parents on a case-by-case basis to determine the best way to provide the student with home access.

It's important to note that all Chromebooks purchased for the lending program will be come equipped with the technology needed for on-demand access to the Internet through WiFi for access while at school and either, a dial-up modem, DSL or 3G/4G service while at home.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

TEA Program Requirement 3: Describe how the lending program aligns with current curriculum, instruction, and classroom management policies and/or practices on its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

This lending project was developed to align Chromebooks with the existing technology-based instruction and online math reading, ELA and science digital curriculum. Through the lending program, the 3rd-12th grade students will have access to this same curriculum that is used during the school day. Specifically, the lending program will extend classroom learning to the home to:

- Create a 21st century learning environment at home with an immersion of Chromebooks, access to the Internet and online digital instructional materials.
- Offering new and extended-learning opportunities 24 hours a day, 7 days a week.
- Access innovative text, graphics, images, sound and video into the project-based enrichment lessons to provide individual instruction, especially for those students with learning disabilities.
- Access to innovative teaching methods that will allow for great levels of student interest, inquiry, analysis, collaboration, creativity, and content production.
- Use innovative technology-based teaching strategies to build technology literacy, and build background knowledge in the core curriculum areas of reading, ELA, math and science.
- Use innovative technology-based teaching and learning strategies will provide differentiated instruction for diverse learners, some of who will need academic acceleration or remediation on a daily basis
- Access innovative technology-based teaching and learning strategies are aligned with State challenging standards including the core curriculum TEKS, Technology Application TEKS and STAAR assessments.

BISD has approved a number of policies and procedures that are in place as part of the campus technology lending program. Students will receive instruction on internet safety, privacy & security, relationships & communication, cyberbullying, digital footprint & reputation, self-image & identity, information literacy, and creative credit & copyright. If a student uses their mobile device for purposes other than educational, they will lose check-out privileges. Students and their parents will be required to have a printed copy of all lending programs forms and will be required to sign the forms and acknowledge they understand the rules, procedures, and consequences for not following policies and procedures. Students will be disciplined for inappropriate home-use just as they would be disciplined at school.

TEA Program Requirement 4: Describe how the applicant is using digital instructional materials in one or more foundation curriculum subject area(s) for one or more grade level(s). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Bangs ISD will use following digital content during the timeframe of this grant and beyond for the following grade levels and foundation subject areas:

IStation, Study Island, Moby Max, Pearson, Nitro Type, Cool Math, Readworks, Imagine Learning, Renaissance Place and Learning.com.

This online curriculum is accessible in the classrooms, throughout the campus, and at home using the new Chromebooks. The online curriculum will be integrated into the curricula and instruction by the teachers to address differentiated instruction needs for the diverse learners, some of who will need academic remediation, acceleration, extended learning and enrichment on a daily basis to build background knowledge in math, science, reading, ELA and College Readiness to reach challenging academic standards.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

TEA Program Requirement 5: Describe how the infrastructure and technical support is adequate to support students' anticipated use of devices through the grant at its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Having a robust technology infrastructure for teacher and student use is very important to Bangs ISD. The district has put in place a strong technology infrastructure throughout all three (3) campuses that includes a local area network with Cat 5 wiring, hubs, switches and routers. The Internet Service is delivered by the Internet Provider, ESC Region 15. The entire campus including the library, common areas, classrooms and offices are Internet-ready through wired connections and numerous wireless access points (WiFi). This technology infrastructure gives the students the flexibility to use their Chromebooks anywhere on campus to access the Internet and a wide-array of online information as well as the digital curriculum that has been adopted by BISD.

The Technology Director will provide technical support as she will ensure all digital instructional materials are accessible at school and through the loaned device. She will ensure the laptops are interoperable with other technology components in the classroom and throughout the school campus, and will ensure students have Internet access while at home. She will manage the local WiFi network, be responsible for maintaining and accounting for all equipment, and provide the teachers and students with ongoing technical and pedagogical support. The Technology Director will provide teachers and students with ongoing technical support by maintaining the existing local/wide area networks and teachers will receive technical support on how to use their laptops and access online resources anytime, anywhere.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 025-901

Amendment # (for amendments only):

TEA Program Requirement 6: Describe how the grant will be administered on participating campus(es), including a description of how the check-out and check-in process will operate, who will oversee the check-out process, especially in cases of competing need, and the process that will be used to maintain the technology lending equipment in proper working condition. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The Superintendent will have final oversight and decision-making over the program. He will meet with the Assistant Superintendent, technology director and business manager on a regular basis to ensure the project is being implemented on-time and within budget. As the Project Director, the Assistant Superintendent will work with each campus principal to conduct classroom observations and review lesson plans to ensure teachers are integrating the Chromebooks, online curriculum and resources, and the Internet into the instructional process. The Technology Director will purchase Chromebooks and a data plan. She will ensure all digital instructional materials are accessible at school and through the loaned Chromebooks. She will ensure the Chromebooks are interoperable with other technology components in the classroom and throughout the school campus, and will ensure students have Internet access while at home. She will manage the local WiFi network, be responsible for maintaining and accounting for all equipment, and provide the teachers and students with ongoing technical and pedagogical support. She will provide the campus librarians with the form to document the students' name, the date of the check-out, the serial number of the Chromebook, and will have a place for the student to sign the form. The teachers will be responsible for assigning a student an Chromebook using the Chromebook checkout form. The procedures for maintenance of the technology lending equipment are outlined in the BISD Internet, Acceptable Use and Technology Lending Agreement policy. Students are responsible for the general care of the Chromebook they have been issued. The user policy provides students and parents with guidelines for taking care of the equipment which is listed as 1) Taking Care of Your Chromebook; 2) Carrying Chromebooks; and 3) Screen Care for Your Chromebook. Chromebooks that are broken or fail to work properly must be taken to the library. Loaner Chromebooks may be issued to students when they leave their Chrombook for repair. The Technology Director will collect student Chromebooks at the end of the year for maintenance, cleaning, and software installation.

TEA Program Requirement 7: Describe how technology lending equipment will be accounted for per local policy, including providing insurance, if appropriate. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Bangs ISD has policies and procedures in place to inventory and account for each piece of technology equipment purchased. According to Bangs ISD Board Policy, the District conducts an annual physical inventory of equipment that have been requisitioned by and delivered to the District. The results of the inventory shall be recorded in the District's files.

The accounting of the technology lending equipment will be entered into Bangs's centralized asset management that typically accounts for all equipment in the district. Once the equipment is ordered and received, the Technology Director will assign a tracking number to each piece of equipment through a barcode system. The asset management system keeps a record of all technology equipment. The system also holds details of service schedules, maintenance records, and other information needed on each piece of equipment. The district believes that this is an efficient and effective way to keep track of when equipment need to be replaced, fixed, or maintained. In addition, it can be extremely valuable in case of an emergency.

Using local funds Bangs will add the 120 Chromebooks to the existing TASB insurance plan. Bangs fully understands that Technology Lending Program grant funds cannot be used to replace lost, stolen or damaged equipment.

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